

02-25-02

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 9151.15

DATE: February 22, 2002

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))**J1017 U.S. PTO
10/081563
02/22/02BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☒ a patent application
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: _____; filed _____, the disclosure of which is hereby incorporated herein by reference in its entirety.
☒ and claims the benefit of Provisional Application No. 60/270,700; filed February 22, 2001.

Inventor(s) or Application Identifier:

David M. Herrington, Winston-Salem, North Carolina; Timothy D. Howard, Clemmons, North Carolina; Gregory A. Hawkins, High Point, North Carolina; Deborah A. Meyers, Mocksville, North Carolina

Entitled:

**GENETIC POLYMORPHISMS OF ESTROGEN RECEPTOR ALPHA ASSOCIATED WITH
FAVORABLE HDL CHOLESTEROL RESPONSE TO HORMONE REPLACEMENT THERAPY****Correspondence Address:**

20792

PATENT TRADEMARK OFFICE

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 26 pages of Specification (including 22 claims)
3. ☒ 3 sheets of Formal Drawings (35 USC 113)
4. ☐ Oath or Declaration
 - a. ☐ newly executed (*original or copy*)
 - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 6 Below]
 - c. ☐ DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

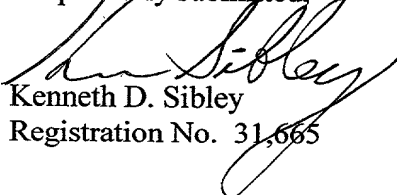
7. ☐ Microfiche Computer Program (*Appendix*)
8. ☐ Assignment papers (*cover sheet(s) and document(s)*)
9. ☒ Applicant claims small entity status. See 37 CFR 1.27.
10. ☐ Information Disclosure Statement, PTO-1449, and _____ references cited
11. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
12. ☐ English Translation Document
13. ☐ Certified Copy of _____ Application No. _____ ; Filed
14. ☒ Sequence Listing/ Sequence Listing Diskette
 - a. ☒ computer readable copy
 - b. ☒ paper copy
 - c. ☒ statement in support
15. ☐ An Associate Power of Attorney
16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
17. ☒ Other: Application Filed Under 37 CFR 1.41(c)

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee
BASIC FEE			\$370.00	\$ 740.00
TOTAL CLAIMS	22 - 20 =	2	x 09 = \$ 18.00	x 18 = \$
INDEP CLAIMS	6 - 3 =	3	x 42 = \$ 126.00	x 84 = \$
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 140 = \$	+ 280 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$ 514.00	Total \$

- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ _____ is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☒ Please charge my Deposit Account No. 50-0220 in the amount of **\$514.00**.
- ☐ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
- a. ☐ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
 - b. ☐ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

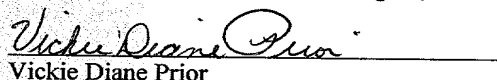

Kenneth D. Sibley
Registration No. 31,665

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV015808876US

Date of Deposit: February 22, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231.


Vickie Diane Prior

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Herrington, et al.
Serial No. To Be Assigned
Filed: Concurrently Herewith
For: **GENETIC POLYMORPHISMS OF ESTROGEN RECEPTOR ALPHA
ASSOCIATED WITH FAVORABLE HDL CHOLESTEROL
RESPONSE TO HORMONE REPLACEMENT THERAPY**

February 22, 2002

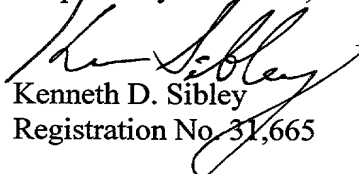
Box Patent Application
Commissioner for Patents
Washington, DC 20231

APPLICATION FILED UNDER 37 CFR 1.41(c)

Sir:

The above-identified application is being filed on behalf of the inventors,
**David M. Herrington, Timothy D. Howard, Gregory A. Hawkins, and Deborah A.
Meyers**, under the provisions of 37 CFR 1.41(c). A Declaration and Power of Attorney from
the inventors will follow, 37 CFR 1.63.

Respectfully submitted,


Kenneth D. Sibley
Registration No. 31,665



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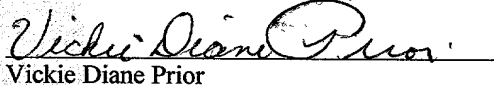
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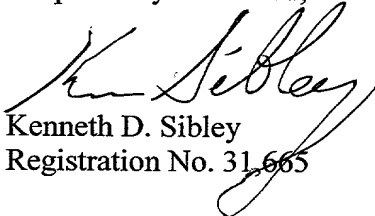
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STATEMENT IN SUPPORT OF FILING A
SEQUENCE LISTING UNDER 37 CFR § 1.821(f)

Sir:

Submitted herewith is a copy of the Sequence Listing in computer readable form. I hereby state that the content of the paper and computer readable copies of the Sequence listing are the same. I also hereby state as required by 37 CFR § 1.821(h) that the computer readable copy submitted concurrently herewith contains no new matter, nor does it go beyond the disclosure of the application as filed.

Respectfully submitted,


Kenneth D. Sibley
Registration No. 31,665



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Vickie Diane Prior